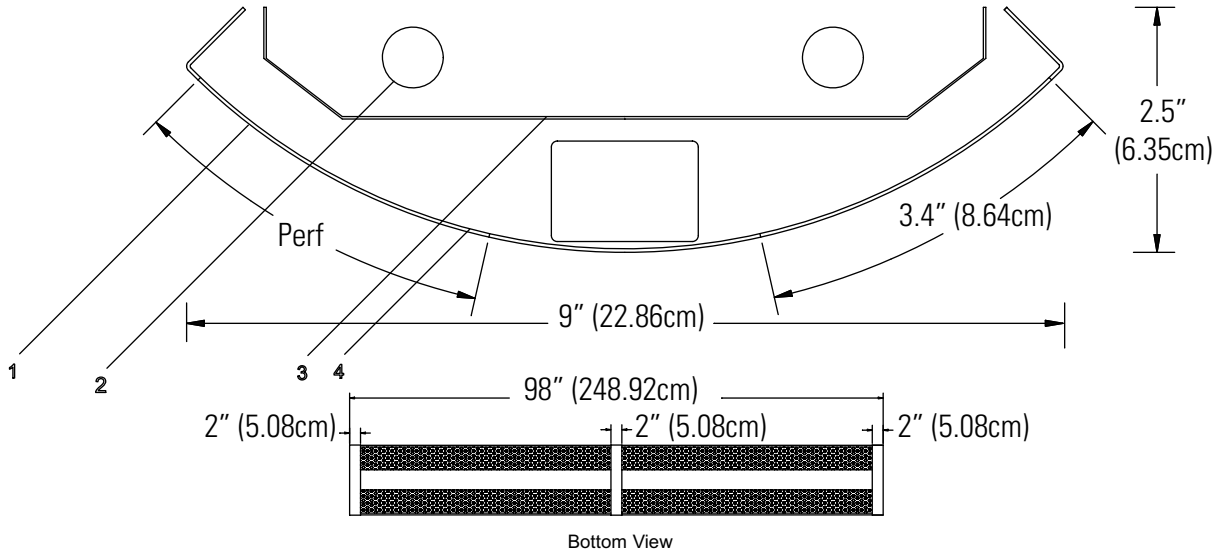
Linear PerfLyte™ 9" (22.86cm) Semi Perforated 2-Light T5 Per 4-Foot (Nominal) Section



Bottom View

Module Ordering Information

Style	Series	Type	Lamps	Length	Ballast	Options
LP	**1**	**B**				
			2T5 = 2-F28T5 **2HO** = 2-F54T5	**4** = 4-Foot **8** = 8-Foot **12** = 12-Foot	**U** = Universal Voltage **E** = Emergency Pack **D1** = Dimming 120v **D2** = Dimming 277v	**Blank** = No Options **DS** = A-B Switch **X4** = 4 Wire for Dimming & Switched Emergency

Complete ordering instructions below.

Features

1. **Housing:** 18 gauge perforated steel with 41% open hole pattern. Holes are 1/16" (0.16cm) diameter on 3/32" (0.24cm) centers. Die-formed steel end cap with concealed access holes for through wiring. No exposed fasteners or hardware.
2. **Lamping:** Two T5 28 or 54 watt (as specified) fluorescent lamps per 4-foot section. Lamps provided by others.
3. **Reflector:** Precision die-formed specular aluminum.
4. **Diffuser:** Opal acrylic diffuser.

Electrical

Ballast is universal voltage, <10% THD, .88 ballast factor, instant start. 3 conductor, 18 gauge wire. Color-coded quick connectors allow ease of connection for joiner modules. For special circuiting consult factory. Cord is 18/3 SJT. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.

Dimming: 120/277 VAC, 4 wire feed required.

Emergency Battery Pack: 28 watt: 520 lumens @ 90 minutes.
54 watt: 700 lumens @ 90 minutes.

Mountings

Cable Suspension (not shown) - 4-1/2" (11.43cm) diameter flat canopy finished white enamel, 1/16" (0.16cm) diameter stainless steel aircraft cable adjustable up to 36" (91.44cm) without cutting. Overlap connector to provided 46" (116.84cm) of perforated and 2" (5.08cm) solid sections contiguously without the presence of hairline connections (see Bottom View drawing above).

Options

Dual Switching: Order the DS option for separate row switching. DS option automatically ships with the X4 option included.

4 Wire: Order X4 modules for remainder of the run when using dimming and/or switched emergency battery pack modules. Also, order the 4 Wire Cord Power Feed End Sets (**LP1EC36X4**) when using 4 Wire Modules.

Emergency Circuiting: Special circuiting - consult factory.

Ordering Information

Individual Fixtures:

1. Order number of MODULES required.
2. Order one POWER FEED END SET per MODULE.

Continuous Rows:

1. Determine run length.
2. Order the appropriate number of MODULES for the complete run.
3. Order one POWER FEED END SET per run.
4. Order one CABLE ASSEMBLY per MODULE minus one per run.
5. For runs that exceed amperage limits, order the appropriate number of SINGLE CABLE & CORD FEEDS.

Finish

Powder coated baked white enamel. Custom colors available, consult factory.

Labels

UL, cUL and I.B.E.W.

Job Information **Type:**

Job Name:

Cat. No.:

Lamp(s):

Notes:

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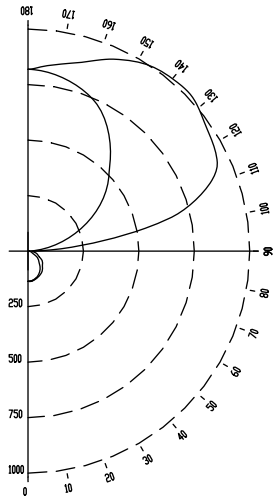
Performance

CANDLEPOWER CURVE



REPORT NO: LRL 200-10M
CAT NO: LP1B2T54U
LAMPS: 2 F28T5
LUMENS: 2900
EFFICIENCY: 74.8%

CANDLEPOWER

ZONE ➤ DEG. ▼	0	22	45	67	90
	CANDELAS				
180	819	819	819	819	819
175	813	816	823	837	836
165	783	809	841	875	879
155	732	787	852	930	953
145	637	728	843	968	1005
135	519	644	804	978	1018
125	416	573	787	967	980
115	285	485	702	889	942
105	154	366	595	708	733
95	41	187	226	209	193
90	0	11	17	20	22
85	5	11	15	20	22
75	15	21	28	36	40
65	23	32	41	50	53
55	53	58	70	79	79
45	70	73	77	89	92
35	95	97	101	109	111
25	115	116	118	121	122
15	128	128	131	132	131
5	136	135	139	137	137
0	136	136	136	136	136

COEFFICIENTS OF UTILIZATION
% EFFECTIVE CEILING CAVITY REFLECTANCE

ROOM CAVITY RATIO	80			70			50		
	WALL REFLECTANCE								
	70	50	30	70	50	30	50	30	10
0	73	73	73	63	63	63	45	45	45
1	66	63	60	57	55	53	39	38	37
2	60	55	51	52	48	45	35	32	31
3	55	49	44	48	42	38	30	28	26
4	50	43	37	43	37	33	27	24	22
5	46	38	32	40	33	28	24	21	19
6	42	34	28	36	29	25	21	18	16
7	39	30	25	33	26	22	19	16	14
8	36	27	22	31	24	19	17	14	12
9	33	25	19	29	22	17	16	13	11
10	31	22	17	27	20	15	14	11	9

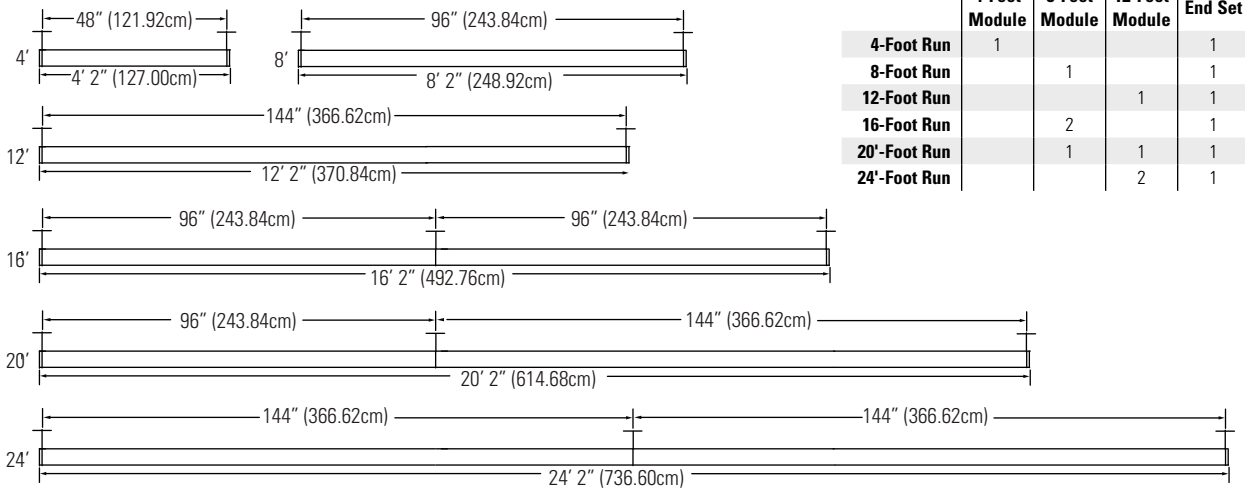
20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

Zone	Lumens	% Lamp	% Luminaire
0-90	378	6.5	8.7
90-180	3964	68.3	91.3
0-180	4342	74.8	100.0

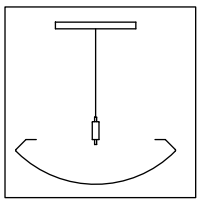
Calculations are for 28 watt T5 lamps, for 54 watt T5 lamps multiply by 1.7

Fixture Lengths & Mounting Locations

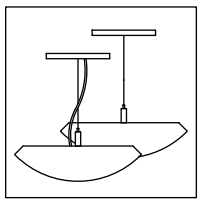


	4-Foot Module	8-Foot Module	12-Foot Module	End Set	Cable/ Joiner
4-Foot Run	1			1	
8-Foot Run		1		1	
12-Foot Run			1	1	
16-Foot Run		2		1	1
20'-Foot Run		1	1	1	1
24'-Foot Run			2	1	1

Mounting Accessories

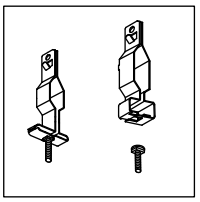


Cable/Joiner Assembly
Standard Cable Length is 36" (91.44cm)
Single Cable: **LP1C36**
Single Cable & Cord: **LP1CC36**
Single Cable & 4 Wire Cord: **LP1CC36X4**



Power Feed End Set
Standard Cable Length is 36" (91.44cm)
Straight Cord: **LP1EC36** 4 Wire Cord*: **LP1EC36X4**

** use for dimming and/or emergency battery packs*



Ceiling Grid Kit CGK
Includes both Standard 1" (2.54cm)
Tee Bar Clip & Slot Tee Clip

Job Information **Type:**

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